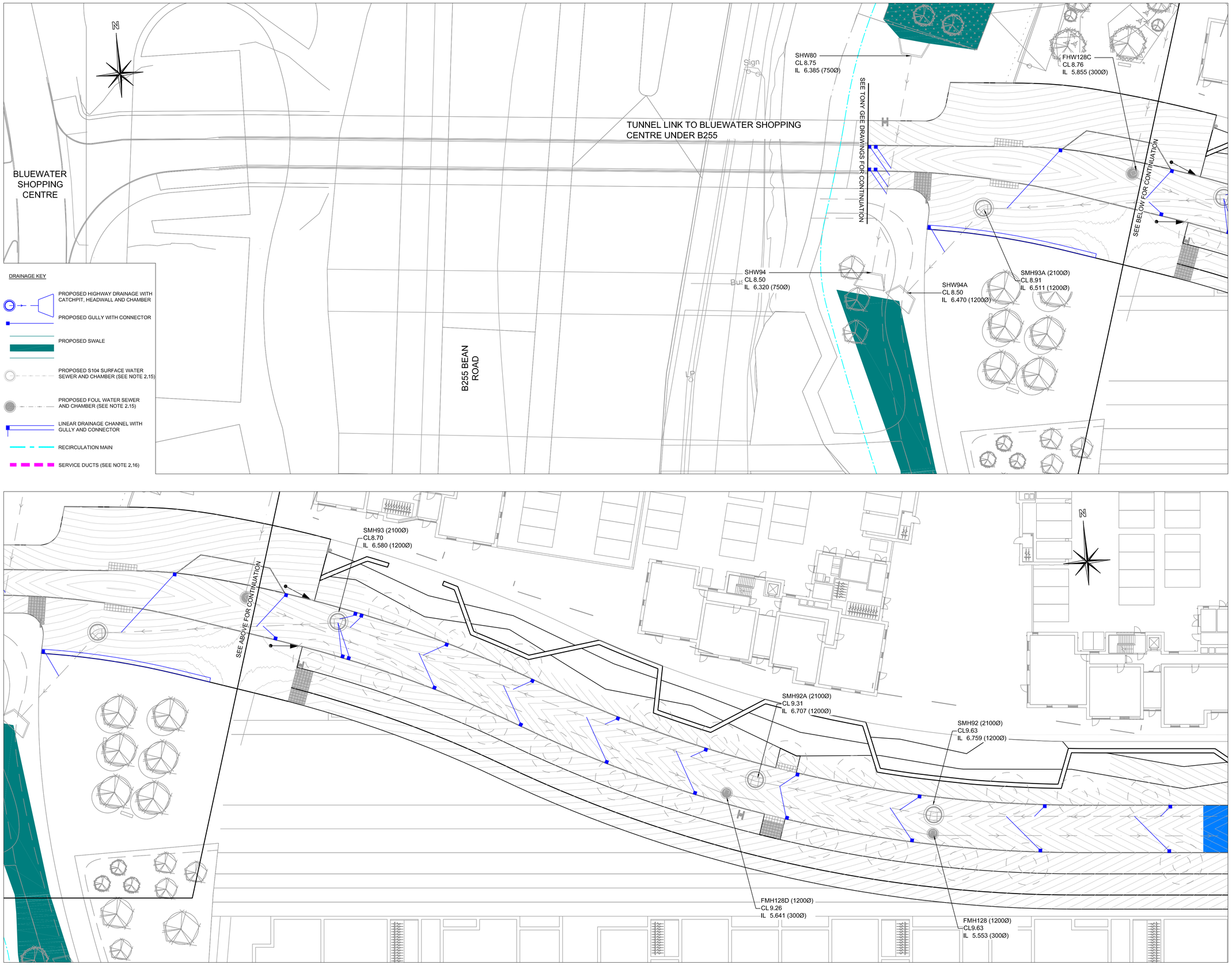


DRAINAGE KEY

- PROPOSED HIGHWAY DRAINAGE WITH CATCHPIT, HEADWALL AND CHAMBER
- PROPOSED GULLY WITH CONNECTOR
- PROPOSED SWALE
- PROPOSED S104 SURFACE WATER SEWER AND CHAMBER (SEE NOTE 2.15)
- PROPOSED FOUL WATER SEWER AND CHAMBER (SEE NOTE 2.15)
- LINEAR DRAINAGE CHANNEL WITH GULLY AND CONNECTOR
- RECIRCULATION MAIN
- SERVICE DUCTS (SEE NOTE 2.16)

GENERAL NOTES

1.1. THIS DRAWING IS COPYRIGHT AND SHOULD NOT BE REPRODUCED IN WHOLE OR PART WITHOUT THE WRITTEN CONSENT OF PATRICK PARSONS LTD.
1.2 DO NOT SCALE FROM THIS DRAWING.
1.3. LOCATIONS OF ALL EXISTING SERVICES ON-SITE TO BE CONFIRMED & PROVIDED TO THE ENGINEER PRIOR TO COMMENCEMENT OF WORKS.
1.4. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT PATRICK PARSONS LTD DRAWINGS & SPECIFICATIONS.

DRAINAGE NOTES

2.1 THE CONTRACTOR SHALL CHECK ALL INFORMATION PROVIDED PRIOR TO COMMENCING WORKS, AND SEEK CLARIFICATION FROM THE ENGINEER IN RESPECT TO ANY AMBIGUITIES FOUND.
2.2 ALL EXTERNAL ADOPTABLE DRAINAGE WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH 'CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY', B,S,E,N,752 & 'SEWERS FOR ADOPTION' 6TH EDITION ADDENDUM AND ADOPTING AUTHORITY'S REQUIREMENTS.
2.3 ALL DRAINAGE TO BE ADOPTED BY KENT COUNTY COUNCIL SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE SPECIFICATON FOR HIGHWAY WORKS, THE STANDARD DETAILS DRAWING B18075-CA-501 AND THESE NOTES.
2.4 ALL CHAMBER COVERS AND GULLY GRATINGS SHALL COMPLY WITH BS,EN124, NON-VENTILATING WITH CLOSED KEYWAYS. COVER STRENGTHS TO BE:- CLASS D400 FOR ALL CHAMBERS IN CARRIAGEWAYS
2.5 COVERS SHALL BE ADJUSTED TO MATCH SURROUNDING FINISH LEVELS.
2.6 THE CONTRACTOR SHALL PROTECT EXISTING BURIED PIPES AND TREE ROOTS FROM DAMAGE CAUSED BY LOADS IMPOSED BY CONSTRUCTION PLANT.
2.7 RIGID PIPES LESS THAN 1.2m BELOW THE ROAD SURFACE SHALL BE PROTECTED FROM DAMAGE BY CONCRETE ENCASEMENT, AND HAVING MOVEMENT JOINTS FORMED WITH COMPRESSIBLE BOARD AT EACH SOCKET OR SLEEVE JOINT FACE. FLEXIBLE JOINTS SHOULD REMAIN FLEXIBLE.
2.8 FLEXIBLE PIPES LESS THAN 0.9m BELOW THE ROAD SURFACE SHALL BE PROTECTED BY CONCRETE BRIDGING SLABS OR SHOULD BE SURROUNDED WITH REINFORCED CONCRETE AS APPROPRIATE.
2.9 WHERE RIGID PIPES HAVE TO BE ENCASED IN CONCRETE, MOVEMENT JOINTS FORMED OF COMPRESSIBLE BOARD 13mm THICK SHALL BE PROVIDED AROUND THE SPIGOT NEXT TO THE SOCKET, EITHER AT EACH JOINT OR AT NOT MORE THAN 5m INTERVALS.
2.10 DRAINAGE SHOWN IS SUBJECT TO S38 APPROVAL
2.11 PIPE SHALL BE CONNECTED TO CHAMBERS AT SOFFIT TO SOFFIT LEVEL.
2.12 ALL GULLIES SHALL BE TRAPPED 450mm DEEP.
2.13 ALL GULLY CONNECTORS SHALL BE 150mm DIAMETER WITH ST2 CONCRETE BED AND SURROUND.
2.14 ALL GULLY GRATINGS AND CHAMBER COVERS SHALL BE LEFT AT TOP OF BINDER COURSE LEVEL.
2.15 FOR DETAILS OF S104 SEWERS REFER TO S104 DRAINAGE DRAWINGS.
2.16 FOR DETAILS OF SERVICE DUCTS REFER TO STANDARD DETAILS DRAWING No,B18075/CA/511.
2.17 THE CONTRACTOR SHALL PROPOSE A COMBINED KERB AND DRAINAGE SYSTEM FOR APPROVAL. IT SHALL BE CAPABLE OF DRAINING THE CARRIAGEWAY WITH NO FLOODING FOR UP TO A 1 IN 5 YEAR STORM
2.18 GULLIES LOCATED AT CROSSINGS ARE TO BE INSTALLED UPSTREAM, PRIOR TO DROPPED KERBS.

| Rev. | Amendments | Date | By |
|---|---|---|---|
| P1 | INITIAL ISSUE. | 31.03.21 | RDT |

Revisions

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Project
WHITECLIFFE
(FORMERLY EASTERN QUARRY)
INFRASTRUCTURE

Drawing
FASTRACK TUNNEL APPROACH
DRAINAGE LAYOUT

Scales 1:250 At original size A1

Drawn RDT Date 31.03.21 Checked DCT

Status PLANNING

Drawing No. B18075/215 Rev. P1

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